

09619607\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09619607 on April 18, 2005

Original Classifications

2 370/469  
2 370/486  
2 707/202  
2 709/224  
2 710/260  
2 711/114  
2 711/162  
2 713/201

Cross-Reference Classifications

2 370/310  
2 370/395.51  
2 455/520  
2 455/557  
2 707/10  
2 707/202  
2 707/204  
2 709/226  
2 711/141  
2 711/155  
2 711/158  
2 711/6  
2 725/114  
2 725/86  
2 725/91

Combined Classifications

4 707/202  
3 711/114  
3 713/201  
2 370/310  
2 370/395.51  
2 370/469  
2 370/486  
2 455/520  
2 455/557  
2 707/10  
2 707/200  
2 707/204  
2 709/224  
2 709/226  
2 710/260  
2 711/141  
2 711/155  
2 711/158  
2 711/162  
2 711/6  
2 714/15  
2 714/48  
2 718/100  
2 725/114  
2 725/86  
2 725/91

09619607\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned  
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- 4 707/202 (2 OR, 2 XR)  
 Class 707 : DATA PROCESSING: DATABASE AND FILE  
                   MANAGEMENT OR DATA STRUCTURES  
       707/200 FILE OR DATABASE MAINTENANCE  
       707/201 .Coherency (e.g., same view to multiple users)  
       707/202 ..Recoverability
- 3 711/114 (2 OR, 1 XR)  
 Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: MEMORY  
       711/100 STORAGE ACCESSING AND CONTROL  
       711/101 .Specific memory composition  
       711/111 ..Accessing dynamic storage device  
       711/112 ...Direct access storage device (DASD)  
       711/114 ....Arrayed (e.g., RAIDs)
- 3 713/201 (2 OR, 1 XR)  
 Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: SUPPORT  
       713/200 SECURITY  
       713/201 .Computer network
- 2 370/310 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
       370/310 COMMUNICATION OVER FREE SPACE
- 2 370/395.51 (0 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
       370/351 PATHFINDING OR ROUTING  
       370/389 .Switching a message which includes an address  
                   header  
       370/395.1 ..Message transmitted using fixed length  
                   packets (e.g., ATM cells)  
       370/395.5 ...Multiprotocol network  
       370/395.51 ....Utilizing a plurality of ATM networks  
                   (e.g., MPOA, SONET, or SDH)
- 2 370/469 (2 OR, 0 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
       370/464 COMMUNICATION TECHNIQUES FOR INFORMATION  
                   CARRIED IN PLURAL CHANNELS  
       370/465 .Adaptive  
       370/469 ..Processing multiple layer protocols
- 2 370/486 (2 OR, 0 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
       370/473 ..Transmission of a single message having  
                   multiple packets  
       370/480 .Combining or distributing information via  
                   frequency channels  
       370/485 ..Subscriber carrier  
       370/486 ...Program distribution
- 2 455/520 (0 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
       455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
       455/500 .Plural transmitters or receivers (i.e., more

09619607\_CLSTITLES  
than two stations)

455/507 ..Central station (e.g., master, etc.)  
455/517 ...To or from mobile station  
455/518 ....Having talk group  
455/520 .....On-site or multi-site trunking

2 455/557 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,  
TRANSCIVER)  
455/550.1 .Radiotelephone equipment detail  
455/557 ..Interface attached device (e.g., interface  
with modem, facsimile, computer, etc.)

2 707/10 (0 OR, 2 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/1 DATABASE OR FILE ACCESSING  
707/10 .Distributed or remote access

2 707/200 (1 OR, 1 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/200 FILE OR DATABASE MAINTENANCE

2 707/204 (0 OR, 2 XR)  
Class 707 : DATA PROCESSING: DATABASE AND FILE  
MANAGEMENT OR DATA STRUCTURES  
707/200 FILE OR DATABASE MAINTENANCE  
707/201 .Coherency (e.g., same view to multiple users)  
707/204 ..Archiving or backup

2 709/224 (2 OR, 0 XR)  
Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING  
709/223 COMPUTER NETWORK MANAGING  
709/224 .Computer network monitoring

2 709/226 (0 OR, 2 XR)  
Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING  
709/223 COMPUTER NETWORK MANAGING  
709/226 .Network resource allocating

2 710/260 (2 OR, 0 XR)  
Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA  
PROCESSING SYSTEMS: INPUT/OUTPUT  
710/260 INTERRUPT PROCESSING

2 711/141 (0 OR, 2 XR)  
Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MEMORY  
711/100 STORAGE ACCESSING AND CONTROL  
711/117 .Hierarchical memories  
711/118 ..Caching  
711/141 ...Coherency

2 711/155 (0 OR, 2 XR)  
Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
SYSTEMS: MEMORY  
711/100 STORAGE ACCESSING AND CONTROL  
711/154 .Control technique

09619607\_CLSTITLES

711/155           ..Read-modify-write (RMW)

2 711/158       (0 OR, 2 XR)  
     Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: MEMORY  
                   711/100       STORAGE ACCESSING AND CONTROL  
                   711/154       ..Control technique  
                   711/158       ..Prioritizing

2 711/162       (2 OR, 0 XR)  
     Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: MEMORY  
                   711/100       STORAGE ACCESSING AND CONTROL  
                   711/154       ..Control technique  
                   711/161       ..Archiving  
                   711/162       ...Backup

2 711/6         (0 OR, 2 XR)  
     Class 711 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: MEMORY  
                   711/1         ADDRESSING COMBINED WITH SPECIFIC MEMORY  
                                   CONFIGURATION OR SYSTEM  
                   711/6         ..Virtual machine memory addressing

2 714/15        (1 OR, 1 XR)  
     Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
                   DETECTION/RECOVERY  
                   714/100       DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING  
                   714/1         ..Reliability and availability  
                   714/2         ..Fault recovery  
                   714/15        ...State recovery (i.e., process or data file)

2 714/48        (1 OR, 1 XR)  
     Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
                   DETECTION/RECOVERY  
                   714/100       DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING  
                   714/1         ..Reliability and availability  
                   714/48        ..Error detection or notification

2 718/100       (1 OR, 1 XR)  
     Class 718 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING  
                   SYSTEMS: VIRTUAL MACHINE TASK OR PROCESS MANAGEMENT OR  
 TASK                           MANAGEMENT/CONTROL  
                   718/100       TASK MANAGEMENT OR CONTROL

2 725/114       (0 OR, 2 XR)  
     Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
                   725/105       VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM  
                                   COMMUNICATION  
                   725/114       ..Server or headend

2 725/86        (0 OR, 2 XR)  
     Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
                   725/86        USER-REQUESTED VIDEO PROGRAM SYSTEM

2 725/91        (0 OR, 2 XR)  
     Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS  
                   725/86        USER-REQUESTED VIDEO PROGRAM SYSTEM  
                   725/87        ..Video-on-demand

725/91

09619607\_CLSTITLES  
..Server or headend

above 4  
abstract 1  
accepted 4  
accompanying 1  
accordance 6  
according 2  
accordingly 3  
actualize 2  
addition 1  
address 1  
advance 1  
advantages 1  
affirmative 1  
after 1  
again 1  
agent 5  
allocate 2  
allocated 3  
allocates 1  
allowable 11  
also 2  
an 22  
and 65  
another 16  
ansi 1  
answer 1  
any 5  
apparent 1  
application 4  
applications 1  
applied 3  
are 7  
arise 1  
arrangement 8  
art 2  
as 10  
aspects 1  
assign 4  
assumed 1  
at 17  
attained 2  
attains 1  
audio 1  
background 1  
based 1  
be 6  
become 1  
becomes 1  
being 1  
below 1  
between 3  
bits 1  
block 2  
both 1  
brief 1  
bus 9  
buses 1  
business 1  
but 1  
by 14  
cal 1  
called 2  
can 1

carriers 1  
 carry 2  
 carrying 1  
 case 8  
 cases 2  
 causes 9  
 causing 4  
 certa 1  
 certain 19  
 chance 2  
 chart 1  
 ci 1  
 code 9  
 codes 1  
 common 2  
 communication 13  
 compared 1  
 computer 28  
 computers 3  
 compytqr 1  
 concluded 1  
 concrete 2  
 conditions 1  
 conformity 1  
 connected 2  
 constant 6  
 construct 1  
 continue 1  
 controlling 2  
 copying 1  
 corresponding 1  
 currently 10  
 data 2  
 defined 1  
 described 1  
 description 5  
 design 1  
 designation 1  
 designed 1  
 detailed 1  
 determination 1  
 determine 6  
 determined 1  
 determines 2  
 device 86  
 devices 27  
 dewce 2  
 diagram 2  
 different 3  
 digital 1  
 directed 5  
 discards 1  
 disclosure 1  
 discussed 4  
 diversity 1  
 domestic 1  
 drawings 1  
 drawtngs 1  
 each 6  
 earlier 1  
 ecifies 1  
 effects 2  
 embodied 1

embodiment 5  
embodiments 1  
enable 4  
enables 2  
ensures 6  
equipment 4  
equivalent 1  
error 1  
establish 1  
establishes 1  
establishing 2  
event 2  
example 2  
executed 3  
executes 2  
exemplified 2  
exerts 2  
expected 1  
explained 1  
failed 18  
far 1  
features 1  
field 1  
fig 13  
firjt 1  
first 41  
flowchart 3  
flrst 2  
following 2  
for 11  
from 13  
functioning 1  
functions 4  
further 3  
future 1  
gain 5  
gained 2  
gains 10  
give 3  
given 1  
gives 7  
giving 4  
good 2  
greatest 2  
gs 1  
guid 1  
hardware 1  
has 15  
have 8  
having 4  
hereinafter 1  
hereof 2  
high 1  
higher 3  
however 3  
ic 3  
ical 3  
identical 1  
ieee 11  
illustrating 1  
in 293  
include 1  
included 14



includes 13  
independently 2  
information 1  
initiator 30  
initiators 12  
input 2  
inter 4  
interest 28  
interface 1  
intervals 2  
into 4  
invention 24  
irr 1  
irst 1  
is 36  
it 2  
ivention 1  
iwj 1  
iwl 1  
ixj 1  
just 13  
kr 1  
kt 1  
later 3  
layer 1  
least 4  
less 1  
li 1  
line 1  
ln 3  
lobcal 1  
log 196  
logged 42  
logging 3  
logical 43  
logs 5  
long 1  
lrst 1  
lz 1  
machines 1  
management 5  
mapped 1  
mary 1  
may 7  
media 1  
medium 2  
mei 5  
memory 2  
method 5  
ml 1  
mobile 1  
mode 1  
more 3  
mutually 2  
narrower 1  
next 7  
nit 1  
no 1  
not 2  
ntion 1  
number 32  
numbers 2  
objects 2

object 1  
obtained 1  
of 289  
on 2  
one 22  
or 3  
ordinal 10  
other 7  
out 11  
outlines 2  
output 25  
outputs 18  
outputted 5  
outputting 8  
packet 3  
page 11  
part 1  
path 7  
per 2  
performance 1  
peripheral 1  
personal 2  
pertains 1  
plurality 11  
practically 8  
precedence 11  
predetermined 12  
preferable 4  
preferably 1  
preferred 3  
present 22  
preset 5  
principle 1  
printer 1  
printers 1  
prior 4  
problem 1  
problems 1  
procedure 2  
process 1  
processing 6  
processor 1  
product 7  
program 16  
programs 3  
proposed 1  
program 1  
protocol 3  
protocol 1  
provide 1  
provides 1  
providing 1  
putputted 1  
queue 2  
ra 1  
re 35  
reaches 9  
readable 2  
reads 3  
received 5  
receives 5  
receiving 5  
receiving 1

recommended 1  
recorded 1  
recording 1  
referred 1  
regard 7  
relat 1  
related 1  
relates 1  
repeatedly 3  
represent 1  
request 102  
requests 5  
requires 1  
respective 1  
respectively 1  
response 27  
responses 1  
right 5  
rise 1  
routine 3  
same 2  
sbp 5  
sbptserial 1  
second 13  
sends 1  
sense 1  
sequence 2  
serial 2  
serializing 1  
series 2  
service 2  
she 1  
shorter 3  
shortest 2  
should 7  
show 1  
showing 5  
shown 5  
shows 1  
signal 1  
signals 1  
similar 2  
simultaneous 12  
sj 1  
so 3  
some 1  
space 1  
speci 1  
specif 3  
specific 34  
specifically 1  
specification 13  
specified 11  
specifies 3  
specify 2  
specil 1  
specisc 1  
speed 1  
srst 3  
stage 1  
standard 3  
standardization 1  
start 1

started 6  
starts 2  
states 1  
stations 1  
status 4  
std 1  
step 5  
steps 2  
stored 2  
structure 2  
subsequently 1  
succeeds 1  
such 4  
switching 1  
syktem 1  
system 5  
table 2  
takes 1  
target 18  
technique 3  
techniques 1  
term 1  
terminals 1  
than 3  
that 65  
the 376  
then 2  
there 2  
thereby 2  
these 2  
this 12  
those 4  
through 1  
thus 3  
time 17  
timing 37  
timings 3  
timipg 1  
title 1  
to 109  
transfer 1  
transmission 2  
transport 1  
ui 1  
under 1  
undesirably 1  
unit 64  
united 1  
units 1  
upit 1  
use 1  
used 1  
using 5  
uxi 1  
uzlit 1  
variety 3  
ve 1  
ves 1  
via 9  
video 1  
vj 1  
wait 3  
well 1

when 20  
where 6  
whether 1  
which 26  
while 1  
will 1  
with 16  
without 1  
works 1  
xd 1  
xj 1  
xo 1  
yet 1  
zj 1  
zps 1